Avocent®

The Power of Being There®

LongView® Wireless Extender

Audio/Video Connectivity without Wires

Wireless Video • Point-to-Point Transmission • AES Security • 802.11a • Plug & Play

FEATURES AND BENEFITS

- **Wireless Video.** Up to 30 frames per second. XGA resolution (1024 x 768).
- **Transmitter.** Connects directly to the computer making it a visual extension source - perfect for digital signage, presentation or classroom applications. The use of locally-wired monitor, keyboard and mouse is supported.
- **Receiver.** Connects directly to the output device leaving it free of unsightly cabling. Extended audio speakers as well as keyboard and mouse can be connected at the remote location if desired.
- **Plug & Play Installation.** Quick, simple installation. No software to download or controls required.
- **Easy Setup and Adjustment.** Comprehensive auto setup quickly determines and establishes optimal settings for content being transmitted. The On Screen Display (OSD) menu is an intuitive tool which puts adjustments into the user's hands.
- **AES Encryption.** Built-in Advanced Encryption Standard (AES) for secure wireless connectivity.
- **802.11a Standard-Based Design.** Reliance on industry standards layered with proprietary link layer protocol for greater throughput and security. By operating outside of the standard WLAN frequencies, the LongView Wireless extender achieves higher QoS (Quality of Service), interference-free connectivity.
- **Proprietary Communications Protocol.** Proprietary communication protocol offers security and high bandwidth for challenging installations.

Experience the freedom and flexibility of wireless A/V connectivity

Simplify A/V Installations

The Avocent LongView® Wireless extender provides connectivity between computer-based audio/video sources and display devices including LCDs, monitors, plasma displays and projection devices. The LongView Wireless extender simplifies A/V installations making them more cost-effective by eliminating the need for miles of cabling and expensive PCs at each remote location. Audio, video and PC content are transmitted wirelessly from the source computer to the output device utilizing a unique, proprietary compression engine. The transmitter and receiver process analog video in a range of 100 to 3000 feet depending upon the LongView Wireless extender model chosen.

User-Friendly OSD

The LongView Wireless extender firmware features a user-friendly On Screen Display (OSD) for managing connectivity, making adjustments and tuning the audio/video settings. Because of its industry-standard design, the LongView Wireless extender is compatible with virtually any PC, display and operating system - requiring no new drivers, software or OS upgrades. Installation is easy and eliminates the expense and inflexibility of conventional hard-wiring.

Secure, Wireless Connectivity

The LongView Wireless extender eliminates the risk associated with many wireless products because of its three levels of security which include:

- AES encryption.
- Proprietary 802.11a link layer protocol.
- Proprietary video compression.

LongView Wireless Extender – LV4500W and LV3500W

The LongView Wireless extender transmitter and receiver process analog video inbound and outbound with a distance range that varies depending upon the LongView Wireless model installed. The LongView Wireless LV3500W transmits data 100 feet through walls and up to 300 feet without obstruction. The LongView Wireless LV4500W extends the transmission distance to 3000 feet without obstructions and supports both wall and table-mount options.

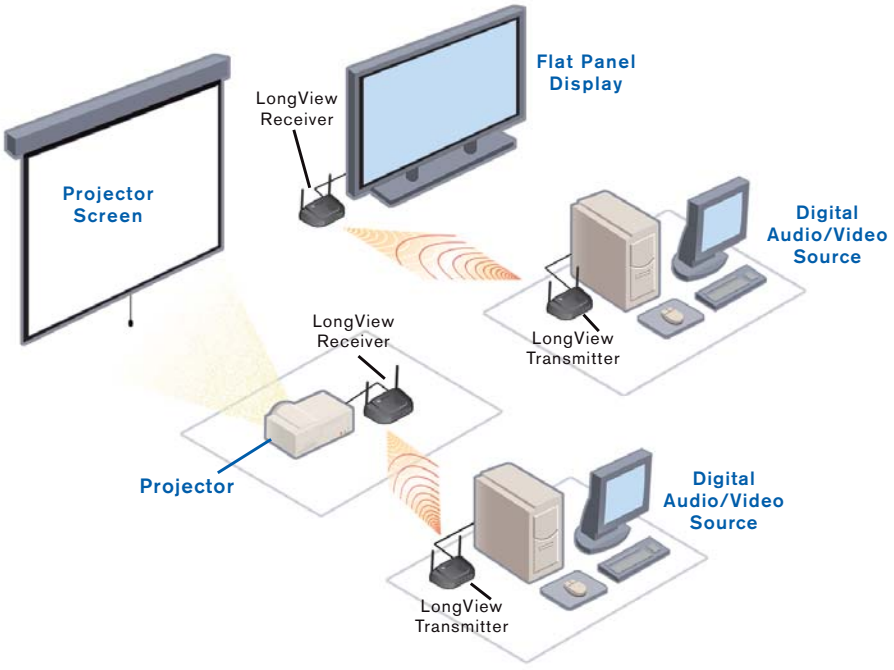
LV4500W with optional desktop stand.

Standard LV4500W wall-mounted unit.

The LongView Wireless LV4500W extender includes a wireless transmitter and receiver, power supplies and audio cables. The firmware features a user-friendly OSD for making adjustments and tuning the video settings. LV4500W transmission ranges from 300 feet through walls up to 3000 feet line-of-sight. Care must be used in setup to ensure that the transmitter and receiver are pointed directly at each other to take advantage of the power of the LV4500W embedded directional antennas.

LV3500W

The LongView Wireless LV3500W extender, includes a wireless transmitter and receiver, power supplies and audio cables. The firmware features a user-friendly OSD for making adjustments and tuning the video settings. The LV3500W transmission ranges from 100 feet through walls up to 300 feet line-of-sight. The omni-directional antennas enable the transmitter and receiver to locate each other even if one of them has been moved.



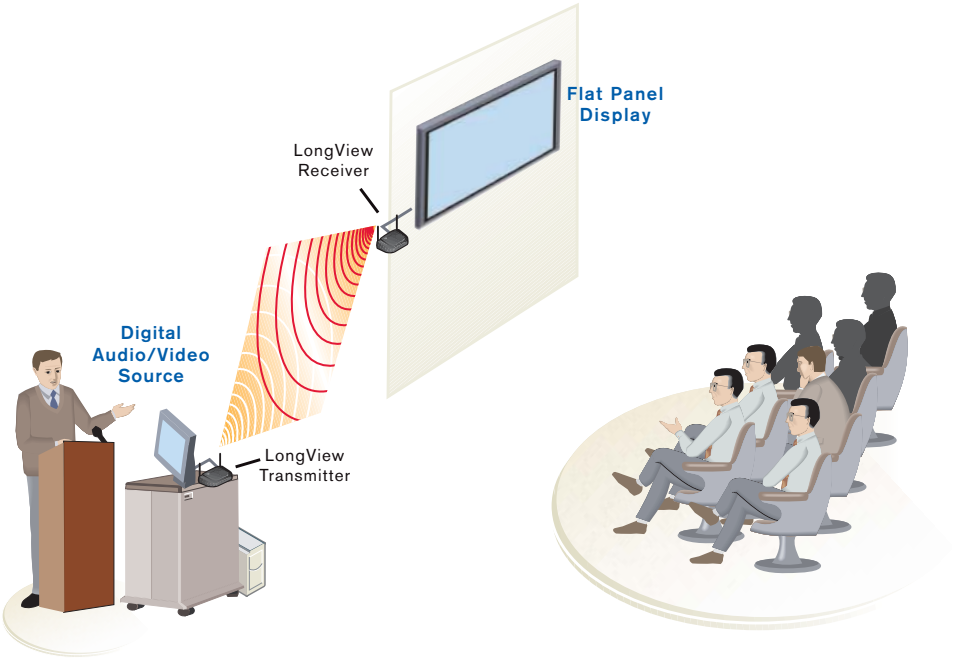
Wireless A/V Applications

Video cabling is no longer required for streaming audio/video connections from the host computer to the display device. Because the connection is wireless, installation is much easier, faster and often cheaper.

At the same time, there is a great deal of added flexibility–both in placement and/or the reconfiguration of source and display device locations. The LongView Wireless extender adapts as your A/V systems evolve.

- **Courtrooms.** Quickly move displays, monitors or projectors for deployment when and where they are needed.
- **Digital Signage.** Transmit audio/video and digital data to signage displays.
- **Classrooms.** Configure rooms as needed from ceiling-mounted projectors or monitors on carts to wireless instructor workstations.
- **Houses of Worship.** Set up your facility with display and projector placement where traditional cabling would be prohibitive.
- **Conference Rooms.** Enable quicker user setup cutting the tether to hard-wired presentation stations.
- **Auditoriums.** The LongView Wireless extender provides ultimate room flexibility and allows rapid reconfiguration of small/large venues.

PLUG & PLAY AUDIO/VIDEO EXTENSION



LONGVIEW WIRELESS LV3500W EXTENDER SPECIFICATIONS

MECHANICAL

- **Height -** 1.75 in. (4.44 cm) Transmitter and Receiver
- **Depth -** 5.25 in. (13.3 cm) Transmitter and Receiver
- **Width -** 6.25 in. (15.8 cm) Transmitter and Receiver
- **Weight -** 1 lb (.091 kg) Transmitter and Receiver
- **Antenna -** Extends 4 inches above lower surface of housing

ENVIRONMENTAL / POWER

- **Operating Temperature -** 32° (0°C) to 104° (40°C)
- **Storage Temperature -** 4° (-20°C) to 122° (50°C)
- **Power -** 12 VDC @ 1A from supplied 100-240 VAC 50/60 Hz switching power supply
- **Power Connector -** 2.1mm ID, 5.5mm OD, 9.5mm length barrel connector, tip positive

MULTIMEDIA

- **Video Resolution -** VGA (640 x 480), SVGA (800 x 600), XGA (1024 x 768)
- **Video Interface -** VGA compatible analog RGB (15 pin D-shell) non-interlaced 60Hz refresh rate
- **Audio Support -** Digital Audio

CAPACITIES

- 42 megabits/sec without compression (with compression provides an effective transmission of 2.2 gigabits/sec)

SUPPORTED HARDWARE

- **Computer -** Most standard IBM compatible computers (Macintosh is not supported at this time)
- **Peripherals -** PS/2 keyboard, PS/2 mouse, extended speakers

RADIO

- **Frequency -** 5150-5250; 5250-5350; 5725-5825 MHz
- **Protocol -** IEEE 802.11a
- **Range -** 300 ft. (unobstructed)
- **Security -** AES encryption, proprietary 802.11a link layer and proprietary video compression

ANTENNAS

2 - 2 dBi omni directional

ACCESSORIES

Power supply, Audio cable

PART NUMBERS

LV3500W-AM

WARRANTY

Two Years

LONGVIEW WIRELESS LV4500W EXTENDER SPECIFICATIONS

MECHANICAL

- **Height -** 6.5 in. Transmitter and Receiver
- **Depth -** 4.5 in. Transmitter and Receiver
- **Width -** 2.5 in. (TX), 2 in. (RX)
- **Weight -** 1 lb (.091 kg) Transmitter and Receiver
- **Antenna -** Internal

ENVIRONMENTAL / POWER

- **Operating Temperature -** 32° (0°C) to 104° (40°C)
- **Storage Temperature -** 4° (-20°C) to 122° (50°C)
- **Power -** 12 VDC @ 1A from supplied 100-240 VAC 50/60 Hz switching power supply
- **Power Connector -** 2.1mm ID, 5.5mm OD, 9.5mm length barrel connector, tip positive

MULTIMEDIA

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SUPPORTED HARDWARE

- **Computer -** Most standard IBM compatible computers (Macintosh is not supported at this time)
- **Peripherals -** PS/2 keyboard, PS/2 mouse, extended speakers

RADIO

- **Frequency -** 5250-5350; 5725-5825 MHz
- **Protocol -** IEEE 802.11a
- **Range -** 3000 ft. (unobstructed)
- **Security -** AES encryption, proprietary 802.11a link layer and proprietary video compression

ANTENNAS

Hi output, 8 dbi directional internal antennal

ACCESSORIES

Power Supply, Audio Cable, Mounting Hardware, Table Mount Stand (optional)

PART NUMBERS

LV4500W-001

WARRANTY

Two Years

Avocent
The Power of Being There.

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